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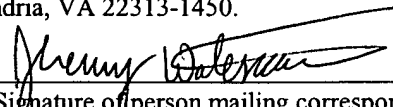
PATENT
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Jeremy Waterman

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Neil R. Cashman et al.	Art Unit:	1648
Serial No.:	09/602,775	Examiner:	Ulrike Winkler
Filed:	June 23, 2000	Customer No.:	21559
Title:	AN EPITOPE SELECTIVE FOR PATHOGENIC PRION PROTEIN		

Mail Stop Amendment
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the enclosed Form PTO-1449, copies of which are enclosed.

Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

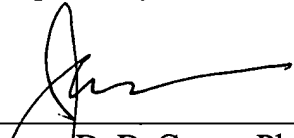
Pursuant to 37 C.F.R. § 1.97(b)(4), this statement is being filed before the mailing of a first Office action after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114.

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No. 03-2095.


Respectfully submitted,

Date: 8 April 2005



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SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. 50111/002002
		Serial No. 09/602,775
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Neil R. Cashman et al.
(37 C.F.R. § 1.98(b))		Filing Date June 23, 2000
		Group 1648
		IDS Filed April 8, 2005

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
	Bendheim et al., "Antibodies to a Scrapie Prion Protein," <i>Nature</i> 310:418-421 (1984).
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	Fields et al., "The Two-hybrid System: an Assay for Protein-Protein Interactions," <i>Trends Genet.</i> 10:286-292 (1994).
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	Meggio et al., "Bovine Prion Protein as a Modulator of Protein Kinase CK2," <i>Biochem. J.</i> 352:191-196 (2000).
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	Oesch, "Characterization of PrP binding proteins," <i>Philos. Trans. R. Soc. Lond. B Biol. Sci.</i> 343:443-445 (1994).

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	



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	Oesch et al., "Interaction of the Prion Protein with Cellular Proteins," <i>Chemical Abstract</i> 122:49358 CA (1992).
	Oesch et al., "Identification of Cellular Proteins Binding to the Scrapie Prion Protein," <i>Biochem.</i> 29:5848-5855 (1990).
	Priola et al., "Prion Protein and the Scrapie Agent: <i>In Vitro</i> Studies in Infected Neuroblastoma Cells," <i>Infect. Agents Dis.</i> 3:54-58 (1994).
	Sano et al., "Protocadherins: A Large Family of Cadherin-Related Molecules in Central Nervous System," <i>EMBO J.</i> 12:2249-2256 (1993).
	Serbec et al., "Monoclonal Antibody against a Peptide of Human Prion Protein Discriminates between Creutzfeldt-Jacob's Disease-affected and Normal Brain Tissue," <i>J. Biol. Chem.</i> 279:3694-3698 (2004).
	Shapiro et al., "Structural Basis of Cell-Cell Adhesion by Cadherins," <i>Nature</i> 374:327-337 (1995).
	Tatzelt et al., "Scrapie in Mice Deficient in Apolipoprotein E or Glial Fibrillary Acidic Protein," <i>Neurology</i> 47:449-453 (1996).
	Telling et al., "Prion Propagation in Mice Expressing Human and Chimeric PrP Transgenes Implicates the Interaction of Cellular PrP with Another Protein", <i>Cell</i> 83:79-90 (1995).
	Weiss et al., "Overexpression of Active Syrian Golden Hamster Prion Protein PrP ^C as a Glutathione S-Transferase Fusion in Heterologous Systems," <i>J. Virol.</i> 69:4776-4783 (1995).
	Westaway et al., "Degeneration of Skeletal Muscle, Peripheral Nerves, and the Central Nervous System in Transgenic Mice Overexpressing Wild-Type Prion Proteins," <i>Cell</i> 76:117-129 (1994).
	Yehiely et al., "Identification of Candidate Proteins Binding to Prion Protein," <i>Neurobiol. Dis.</i> 3:339-355 (1997).
	Zou et al., "Acidic pH and Detergents Enhance <i>In Vitro</i> Conversion of Human Brain PrP ^C to a PrP ^{Sc} -like Form," <i>J. Biol. Chem.</i> 277:43942-43947 (2002).
	Zou et al., "Antibody to DNA Detects Scrapie but not Normal Prion Protein," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 3:1380-1385 (2004).

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